

Coast Guard, DHS

§ 39.1017

chapter I, subchapters F and J apply, unless specifically authorized by the Marine Safety Center.

§ 39.1011 Personnel training requirements—TB/ALL.

Personnel responsible for operating the vapor control system (VCS) must complete a training program prior to the operation of the system installed onboard the tank vessel. As part of the training program, personnel must be able to demonstrate, through drills and practical knowledge, the proper VCS operation procedures for normal and emergency conditions. The training program must cover the following subjects:

- (a) Purpose of a VCS;
- (b) Principles of the VCS;
- (c) Components of the VCS;
- (d) Hazards associated with the VCS;
- (e) Coast Guard regulations in this part;
- (f) Vapor control operation procedures during cargo transfer or tank barge cleaning, including:
 - (1) Testing and inspection requirements;
 - (2) Pre-transfer or pre-cleaning procedures;
 - (3) Connection sequence;
 - (4) Startup procedures; and
 - (5) Normal operations; and
- (g) Emergency procedures.

§ 39.1013 U.S.-flagged tank vessel certification procedures for vapor control system designs—TB/ALL.

(a) For an existing Coast Guard-approved vapor control system (VCS) that has been operating before July 23, 1990, the tank vessel owner or operator must submit detailed engineering drawings, calculations, and specifications to the Marine Safety Center (MSC) for review and approval before modifying the system or transferring vapor to a facility that was not approved by the Coast Guard for that kind of vapor transfer.

(b) For a Coast Guard-approved vessel VCS that began operating on or after July 23, 1990, the tank vessel owner or operator must submit plans, calculations, and specifications to the MSC for review and approval before modifying the system.

(c) A tank vessel owner or operator must submit plans, calculations, and specifications for a new tank vessel VCS to the MSC for review and approval before installing the system. A permanent or portable vapor processing unit onboard a tank vessel will be reviewed, together with the tank vessel, as a complete and integrated system.

(d) Once the plan review and inspection of the tank vessel VCS satisfy the requirements of this part, the Officer in Charge, Marine Inspection (OCMI) will endorse the Certificate of Inspection for the U.S.-flagged tank vessel.

§ 39.1015 Foreign-flagged tank vessel certification procedures for vapor control system designs—TB/ALL.

As an alternative to meeting the requirements in 33 CFR 39.1013(a), (b), and (c), the owner or operator of a foreign-flagged tank vessel may submit certification by the classification society that classifies vessels under their foreign flags to the Marine Safety Center. Upon receipt of the certification stating that the vapor control system (VCS) meets the requirements of this part, the Officer in Charge, Marine Inspection (OCMI) will endorse the vessel's Certificate of Compliance for foreign-flagged tank vessels.

§ 39.1017 Additional certification procedures for a tank barge vapor collection system design—B/ALL.

(a) For a tank barge vapor collection system intended for operation in multi-breasted loading using a single facility vapor connection, the tank barge owner or operator must submit plans, calculations, and specifications to the Marine Safety Center (MSC) for review and approval before beginning a multi-breasted loading operation.

(b) For a tank barge intended for collecting vapors emitted from its cargo tanks during gas-freeing or cleaning operations at a cleaning facility, the barge owner or operator must submit the following items to the MSC for review and approval:

- (1) Stripping system plans and specifications, except those approved by the MSC on or before the August 15, 2013; and